

Job Opportunity at the
Institute for Space-Earth Environmental Research, Nagoya University
(ISEE job opportunity No.11 FY2023)

1. Job title/quantity: Associate Professor / 1
2. Division: Center for Integrated Data Science (CIDAS)/ Integrated Studies Division
3. Job description:

The Institute of Space-Earth Environmental Research (ISEE)*¹, Nagoya University is a Joint Usage/Research Center in Japan that uniquely combines two fields of research: space science and Earth science. ISEE aims to investigate a range of phenomena arising from an integrated approach to the holistic systems of the Earth, the Sun, and the Space. ISEE aims to contribute to solutions for global environmental issues and the development of human society spreading out into space by elucidating the Earth, Sun, and Space as a holistic system as well as examining the mechanisms and interactions of various phenomena. ISEE has organized the Center for Integrated Data Science (CIDAS)*² to promote research and development of high-level analyses based on large-scale data on the space-earth environment and advanced computer simulations. The Division of Integrated Studies*³ conducts integrated analytical studies for a comprehensive understanding and prediction of the Sun-Earth system. The Division of Integrated Studies conducts graduate school education through cooperative courses with the Department of Science/Graduate School of Science and Department of Engineering/Graduate School of Engineering, Nagoya University.

ISEE is presently seeking an associate professor to work in both CIDAS and the Division of Integrated Studies. This position requires well-established expertise and ability for promoting integrated study of heliospheric system science, in particular, the terrestrial and planetary magnetosphere-ionosphere as well as interplanetary space phenomena, based on high-level data analysis and advanced computer simulations. The successful candidate will lead the development and operation of research infrastructure for data science of the space and earth environment. The successful candidate will also be encouraged to collaborate with other researchers of ISEE. ISEE is interested in candidates who will provide education for undergraduate and graduate students of the Integrated Studies Division and foster young researchers as a cooperative faculty of the Graduate School of Engineering, Nagoya University. The successful candidate is required to contribute to the role of ISEE as Joint Usage/Research Center in Japan and develop international collaborative research and field-integrated research of the space-earth environment.

4. Application qualifications:

The candidate should hold a PhD degree. There is no restriction on the candidate's nationality. However, the candidate is required to have basic Japanese language skills and a strong willingness to develop Japanese language skills in order to handle administrative work within a few years.

5. Employment status: Full-time (Tenured), but up to the end of fiscal year (March 31) when candidate fulfilled age reaches 65.

6. Treatment

- In accordance with the Employment Regulations of the Tokai National Higher Education and Research System
- Salary will be based on the annual salary system determined by the university

7. Date of appointment: As soon as possible after October 1, 2024

8. Application deadline: 24:00 JST, March 31, 2024 (Sunday)

9. Selection method: Document screening and interview, when necessary.

10. Documents to be submitted:

- 1) CV
- 2) Summary of previous research activity (within two A4 or Letter sheets)
- 3) Achievement (publication) list (Attach a copy of five major papers)
- 4) Acquisition status of external funds (Describe Grant-in-Aid for Scientific Research and other funding separately)
- 5) Research plan and resolution after joining the staff (within four A4 or Letter sheets. Please describe your plan to contribute to education and collaborative utilization & research of the Institute.)
- 6) Possible appointment date
- 7) Letters of recommendation from two professionals or a written form with the names and contact information of two professionals who can serve as references
- 8) Applicable Specific Category Determination Form *See 12. (3)

11. Application procedure:

Applicants are required to make one PDF file (up to 10MB) that includes all documents and send it by email to the following address with the subject

“Application for ISEE job opportunity No. 11 FY2023.”

inst-recruit(at)t.mail.nagoya-u.ac.jp

*Please replace the (at) with @

(A receipt confirmation will be sent by email within 3 business days after the submission. If you do not receive the receipt confirmation email by then, please contact the address in “9. Contact: 1) Regarding documents to be submitted.”)

12. Contact:

1) Regarding documents to be submitted

Personal Affairs Section, General Affairs Division

Institute for Space-Earth Environmental Research, Nagoya University

F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan

Email: ken-jin(at)t.mail.nagoya-u.ac.jp *Please to replace the (at) with @

Phone: +81-52-747-6305

2) Regarding ISEE and application content

Prof. Yoshizumi Miyoshi (Director of CIDAS)

Institute for Space-Earth Environmental Research, Nagoya University

F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan

Email: miyoshi(at)isee.nagoya-u.ac.jp *Please to replace the (at) with @

Phone: +81-52-747-6340

13. Remarks:

(1) Personal information provided in relation to the application will be used only for the purpose of screening. Upon completion of the screening, we will securely dispose of all personal information except for the information of the successful candidate.

(2) The Institute for Space–Earth Environmental Research is an active promotor of gender equality. Browse the web page below for more detail.

<https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/>

(3) In November 2021, with the clarification of the scope of control of "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), a portion of the provision of confidential information must comply with FEFTA. Technology provided by universities and research institutions to faculty and staff is FEFTA is subject to control. As a result of this change, faculty applications will also be subject to FEFTA controls. When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart. Please download the form below and submit it.

<https://nuss.nagoya-u.ac.jp/s/bLFocRofmoj83zp>

In addition, faculty members are required to submit a "Confirmation Form" at the time of employment.

14. Further information about organizations:

(*1) For the detail of the ISEE, see <https://www.isee.nagoya-u.ac.jp/en/>

(*2) For the detail of CIDAS, see <https://cidas.isee.nagoya-u.ac.jp/index.shtml.en>

(*3) For the detail of the Division of Integrated Studies, see <https://is.isee.nagoya-u.ac.jp/en/>